National Institute of Standards and Technology



National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999 ISO 9002:1994

Scope of Accreditation



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CALIBRATION LABORATORIES

NVLAP LAB CODE 200352-0

VERIZON LOGISTICS, ELECTRONIC REPAIR SERVICES

3301 Wayne Trace Fort Wayne, IN 46806-1400 Mr. Scott Sowerby

Phone: 260-428-6909 Fax: 260-424-1031 E-Mail: scott.sowerby@verizon.com URL: http://www.vzlogistics.com

NVLAP Code: 20/A01

ANSI/NCSL Z540-1-1994; Part 1

Compliant

ELECTROMAGNETICS - DC/LOW FREQUENCY

NVLAP Code: 20/E05

DC Resistance

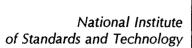
Range	Best Uncertainty $(\pm)^{note\ 1,3}$	Remarks
0.001 ohm	1.5 ppm	•
0.01 ohm	0.75 ppm	
0.1 ohm	0.75 ppm	
1 ohm	0.5 ppm	
10 ohm	0.5 ppm	
100 ohm	1.0 ppm	
1,000 ohm	1.5 ppm	
10,000 ohm	0.5 ppm	
100,000 ohm	1.0 ppm	
1,000,000 ohm	2.0 ppm	

June 30, 2004

Effective through

No R MIL

For the National Institute of Standards and Technology





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VERIZON LOGISTICS, ELECTRONIC REPAIR SERVICE

10,000,000 ohm

7.0 ppm

100,000,000 ohm

35.0 ppm

1,000,000,000 ohm

125.0 ppm

NVLAP Code: 20/E06

DC Voltage

Range

Best Uncertainty $(\pm)^{note\ 1}$

Remarks

10 V Zener Ref

0.5 ppm

TIME & FREQUENCY

NVLAP Code: 20/F01

Frequency Dissemination

Calibration of time base oscillators in frequency counters and generators/oscillators

Range

Best Uncertainty $(\pm)^{notes 1,2}$

Remarks

1 Hz to 120 MHz

 4×10^{-12}

Comparison using NIST FMS

June 30, 2004

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VERIZON LOGISTICS, ELECTRONIC REPAIR SERVICE

- 1. Represents an expanded uncertainty using a coverage factor, k=2.
- 2. Best measurement uncertainty. Actual value determined by test statistics.
- 3. Uncertainties are based on comparison measurements using a Guildline Current Comparitor equipped with a range extender for values below 1 ohm.

June 30, 2004

Effective through

War. M.C

For the National Institute of Standards and Technology